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25X1

Chief, Installation and Maintenance Branch

JUN 1959

Chief, Research and Development Branch

Test Equipment for High Speed Communications Systems

1. The High Speed Communications Systems, developed by [redacted] require the services of skilled technical personnel for installation and maintenance. In addition to competent personnel certain special types of test equipment are required in order to facilitate base station maintenance.

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2. Listed below for your information are the contractor's recommendations for this test equipment. List A is a complete test equipment list; List B contains some of the options which may be employed.

List A

Item No.	Item	Manufacturer and Model
1	Counter	Hewlett-Packard 524B
2	Frequency Converter for Item 1	Hewlett-Packard 525A
3	Video Amplifier for Item 1	Hewlett-Packard 526A
4	Vacuum Tube Voltmeter	Hewlett-Packard 410B
5	Oscilloscope, High Performance	Tektronix 541
6	Dual Trace Preamplifier for Item 5	Tektronix 53/54C
7	Fast Rise Preamplifier for Item 5	Tektronix 53/54K
8	RF Signal Generator	Measurements Corp. 65B - AN/URM-25D
9	Multimeter	Simpson Model 260
10	Radio Frequency Oscillator	Technical Materials Corp. Model VOX Series 2
11	Receiver	Collins 51J4

List B

1	Signal Generator (3 to 32 mc)	Hewlett-Packard 606A
2	RF Voltmeter	Boonton Electronics Corp. Model 91B

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3	DC Vacuum Tube Voltmeter	RCA Senior VoltOhmyst
4	Dual Beam Oscilloscope	Hewlett-Packard 150A
5	Dual Channel Pulse Generator	Lavoie Lab. Inc., LA593

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OC-E/R+D-EP/PCV:mjr (6 June 1958)
cc: R+D Subject File
OC-E Chrono
R+D Chrono
EP Chrono

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